

KNOWLEDGE ASSET 2021-2022

Name : **K Radhika**
Designation : **Asst. Professor**
Department : **Information Technology**
Mail.ID : **radhika_k@vnrvjiet.in**
AICTE ID : **1-459231236**
Date of Birth : **July 09, 1986**
Experience (in years): Teaching: **14.5 Years**
Research: - Nil
Others (If any, Specify): Nil



1. Educational / Technical qualifications:

S.No	Level (UG / PG / Ph.D.)	Year of passing	Specialization
1	M.Tech	2010	Computer Science & Engineering
2	B.Tech	2007	Computer Science & Engineering

2. Teaching and Learning:

2.1. Teaching Interests: Computer Programming, Data Structures, Python Programming, Linux Programming, Database Management System, and Mathematical Foundation of Computer Science, Operating System, Web Technologies, and Computer Network.

2.2. Novel Teaching & Learning Techniques adopted: WIT & WIL, Audio Visuals, PPT, and Blackboard.

- Involvement in curriculum updating / Design:

3. Co-curricular and Extra-Curricular Activities

3.1. Interests and Hobbies: Artistic Activities, Cooking

3.2. CCA/ECA Organized: NIL

3.3. CCA/ECA participated: NIL

3.4. Counseling and Mentoring Activity: Involved in I-B Tech students counseling and mentoring activity I-B Tech students Mentor.

3.5. Committees involved in:

- Department level:
 1. ED Cell Member
 2. CVA Member
 3. Admissions SPOC-2
 4. PG NBA Member
 5. UG NBA member
 6. B.Tech projects Guide
- Institute Level:
 1. Vignana Vahini Member

4. Conference / Workshop / Seminar / Guest Lectures:

.1 Conducted:

.2 Attended:

4.2 Workshops attended:

- FDP on Nuts and Bolts of Machine Learning Model: Theory and Practical with Python by NIT: 21-27, May 2021
- FDP on Machine Learning Tools for IoT Applications by NIT 12 - 22 June 2021
- FDP on Machine Learning by J.B. Institute Of Engineering And Technology:01- 05, June 2020
- FDP on AI And ML For Engineering Application by Vnr Vignana Jyothi Institute Of Engineering And Technology: 08- 12, June 2020
- FDP on Evolution Of IoT by Malla Reddy Institution Of Technology And Science:13-17, July 2020
- FDP on Python Application in Real World by Srm Institute Of Science And Technology Ramapuram Campus, Chennai – 89:06-09, July 2020
- FDP on Python Programming by KLH:15-18, July 2020
- FDP on Challenges in Computer Vision Using Deep Learning & IoT Protocols by G. Narayamma Institute Of Technology And Science:20-24, July 2020
- FDP on Cyber Security by CBIT on 07-12, July 2020
- FDP on ML and its Application by GIET:10-13, Aug 2020
- Workshop on ICT enhanced Teaching and Learning 2.0 by MGIT:08-09, Aug 2020

- Workshop on Deep Learning by ALIET:03-04, Aug 2020
- Workshop on Two Days Bootcamp on Blockchain Technology held on 11th and 12th February 2022

5. Academic Contribution and Research & Consultancy:

5.1. Invited Lectures: NIL

5.2. Articles / Chapters published in Books: NIL

5.3. Books published by a single author or as an editor NIL

5.4. Projects Guided: UG: 1

5.5. Research Interests: Machine learning

5.6. Ph.D. students:

a) Enrolled: NIL

b) Submitted: NIL

c) Awarded: NIL

5.7. Papers published in reviewed Journals:

S.No	Title of the Paper	Journal Name Vol.No. PP	ISBN/ISSN No.	Impact Factor/ Citation Index	National/ International
1	Implementation of image contrast enhancement using automatic threshold selection and histogram equalization techniques	Journal of Advanced Research in Dynamical and Control Systems, Vol. 9. Sp- 17	1943023X	0.31/2	International
2	Motor Engine Controlling Helmet	International Journal of Advanced Trends in Computer	ISSN:2278-3091	--	International

		Science and Engineering			
3	An Enhanced Novel Based Incentive Framework for Cellular Traffic, Offloading	International Journal of Pure and Applied Mathematics, Volume 9, No.1.5	ISSN: 1314-3395	--	International
4	A Survey on Comparative study on Multimodal Sentiment Analysis in Text and Video Mining	Journal of Advanced Research in Dynamical and Control Systems, Journal of Advanced Research in Dynamical and Control Systems, Vol. 10, Special Issue. 7	ISSN: 1943-023X	--	International
5	A Survey on Top-K Dominating Queries on Any Incomplete Information	International Journal of Pure and Applied Mathematics, Vol. 119 No. 14 2018, pp. 1807-1811	ISSN: 1314-3395	--	International
6	A Novel Framework for Dynamic Social Sentiment Analysis	International Journal of Control Theory and Applications, International Science, Volume 10 Number 39	ISSN: 0974-5572	UGC Recognized, Journal	International
7	Securely Mining User Sequential Pattern	International Journal of	ISSN: 2320-9801	Google	International

	Matching in Document Streams	Innovative Research in Computer and Communication Engineering, Vol. 5, Issue 2, pp. 2109-2113			
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5.8. Papers presented at National / International Conference:

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
1	An Efficient Text Synthetization Method by Utilizing Text Mining Techniques and Natural Language Processing for the Usage of Intellectually Disabled Individuals	2021 5th International Conference on Electronics, Communication and Aerospace Technology (ICECA)	International	2022
2	Smart Ambulance System using Fire-Based Cloud Technology and Laser Beam Mechanism	ICACECS2020 – Proceedings of International Conference on Advances in Computer Engineering and Communication Systems Volume 20, pp 425-433, springer	International	2021
3	A survey on blood group determination	International Conference on Electrical, Electronics,	International	2018

		Materials and Applied Science, AIP Conference Proceedings, Vol. 1952, No. 1		
4	Disease Prediction Based on Symptoms using Machine Learning	Energy Systems, Drives, and Automation. Lecture Notes in Electrical Engineering	International	2020

5.9. Sponsored Research Projects:

S.No	Title	Agency	Period	Grant amount	Ongoing / Completed
	NIL				

5.10 Consultancy Projects:

S.No	Title	Agency	Period	Sanctioned Amount	Ongoing / Completed
	NIL				

Certifications:

- Coursera--Structuring Machine Learning Projects
- Coursera – Python Data Structures

7. Motto: Gain knowledge... Share Knowledge.